## AMENDMENTS TO THE CLAIMS

1. - 9. (Cancelled)

10. (Currently amended) A method for diagnosing Alzheimer's disease, comprising:

obtaining a sample of ~~body fluid or tissues~~ **brain tissue** taken from a subject,

determining quantitatively the amount of the peptide according to claim [[6]] **20** present in said sample,

wherein Alzheimer's disease is indicated when the amount of said peptide is greater than the amount of said peptide present in a control non-Alzheimer's disease sample.

11-19. (Canceled)

20. (Currently amended) An isolated peptide consisting of ~~an~~ **the** amino acid sequence ~~represented by any one~~ **selected from the group consisting** of SEQ ID NOS: 4 to 12 ~~or~~ **and** 14 to 17.

MAA/